

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S11	87	706/55.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:34
S13	5	S10 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:34
S14	57	(US-20030130976-\$).did. or (US-6862559-\$ or US-6778971-\$ or US-6778970-\$ or US-6772103-\$ or US-6741992-\$ or US-6701516-\$ or US-6697769-\$ or US-6694329-\$ or US-6683625-\$ or US-6618716-\$ or US-6564197-\$ or US-6556983-\$ or US-6532444-\$ or US-6529892-\$ or US-6505202-\$ or US-6310629-\$ or US-6304259-\$ or US-6269356-\$ or US-6269329-\$ or US-6184885-\$ or US-6101490-\$ or US-6097384-\$ or US-6026387-\$ or US-5995955-\$ or US-5937400-\$ or US-5878406-\$).did. or (US-5854923-\$ or US-5802508-\$ or US-5799296-\$ or US-5799294-\$ or US-5706405-\$ or US-5701466-\$ or US-5652835-\$ or US-5630025-\$ or US-5617514-\$ or US-5594837-\$ or US-5539862-\$ or US-5506937-\$ or US-5416696-\$ or US-5404506-\$ or US-5379366-\$ or US-5355311-\$ or US-5325465-\$ or US-5297039-\$ or US-5282265-\$ or US-5274749-\$ or US-5161245-\$ or US-5056021-\$ or US-4982340-\$ or US-4964063-\$ or US-4905163-\$ or US-4877940-\$ or US-4868733-\$).did. or (US-4815005-\$).did. or (JP-05038846-\$ or JP-59167771-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/04 13:44
S17	11	S15 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:47
S19	19	S15 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:49

## EAST Search History

S20	32	S14 and query	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 13:50
S21	7	((("6751621") or ("6038561") or ("6026388") or ("6006221") or ("6263335") or ("20040199546") or ("20050216516"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/04 14:02
S22	23	((("5301109") or ("4839853") or ("5873056") or ("5963940") or ("6006221") or ("6026388") or ("6076088") or ("6236335") or ("6269368") or ("6304864") or ("6208971") or ("6189002") or ("6430559") or ("6356864") or ("5740323") or ("5828999") or ("5809490") or ("6021387") or ("6216112") or ("5790754") or ("5937384") or ("6038561") or ("6026388") or ("6006221") or ("6263335"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/04 14:11
S23	80	S14 or S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 14:14
S28	7	S27 same query	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/04 18:27
S34	64	S33 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 13:29
S36	44	S35 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 13:36
S37	25	(US-5701466-\$ or US-5325465-\$ or US-6356864-\$ or US-6304864-\$ or US-5873056-\$ or US-5828999-\$ or US-6269368-\$ or US-6189002-\$ or US-6076088-\$ or US-5878406-\$ or US-5404506-\$ or US-5379366-\$ or US-5301109-\$ or US-6263335-\$ or US-6006221-\$ or US-6026388-\$ or US-5963940-\$ or US-6523026-\$ or US-6405199-\$ or US-5924105-\$ or US-6289353-\$ or US-6175828-\$ or US-6138116-\$ or US-5974412-\$ or US-5826268-\$).did.	USPAT	OR	ON	2006/04/05 14:13

## EAST Search History

S40	7	S37 and (real\$1time or (real adj time) or "RT")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 15:20
S41	18	S37 and weight\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 15:31
S43	7	S37 and latent	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 15:35
S44	13	S37 and distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 15:42
S45	2	S37 and euclid\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 15:44
S46	17	S37 and (semantic with vector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 15:45
S47	22	(US-5325465-\$ or US-6356864-\$ or US-6304864-\$ or US-5873056-\$ or US-5828999-\$ or US-6269368-\$ or US-6189002-\$ or US-6076088-\$ or US-5878406-\$ or US-5404506-\$ or US-5379366-\$ or US-5301109-\$ or US-6006221-\$ or US-6026388-\$ or US-5963940-\$ or US-6523026-\$ or US-6405199-\$ or US-5924105-\$ or US-6175828-\$ or US-6138116-\$ or US-5974412-\$ or US-5826268-\$).did.	USPAT	OR	ON	2006/04/05 17:59
S49	21	S47 and (data\$5 same (construct\$4 or creat\$5 or generat\$5 or develop\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/05 18:01

## EAST Search History

S50	21	(US-6405199-\$ or US-5924105-\$ or US-6523026-\$ or US-6175828-\$ or US-6138116-\$ or US-5873056-\$ or US-5826268-\$ or US-6304864-\$ or US-6076088-\$ or US-5325465-\$ or US-6006221-\$ or US-5963940-\$ or US-5828999-\$ or US-5379366-\$ or US-5301109-\$ or US-6269368-\$ or US-5974412-\$ or US-6356864-\$ or US-6026388-\$ or US-6189002-\$ or US-5404506-\$).did.	USPAT	OR	ON	2006/04/06 11:07
S53	14	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 11:55
S57	8	S56 and categor\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 12:21
S58	7	S57 and point	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 11:59
S59	1	"5963940".pn. and semantic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 12:54
S60	1	S59 and vector	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 12:23
S61	2	"5963940".pn. and ((natural adj language) with quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 13:15
S62	2	"5963940".pn. and (larg\$5 or great\$4 or high\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 13:22

## EAST Search History

S63	1	"5963940".pn. and (lexicon)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 13:25
S64	1	"5963940".pn. and (lexicon and add\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 13:25
S65	1	"5963940".pn. and (lexic\$4 and add\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 13:30
S66	2	"5963940".pn. and (classif\$7 or combin\$8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 13:42
S67	1	"5963940".pn. and ((natural adj language) same word)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 13:49
S68	2	"5963940".pn. and (document same word)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 14:34
S69	1	"5963940".pn. and S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 16:55
S70	1	"5963940".pn. and signif\$8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 17:29
S72	1	"5963940".pn. and (categor\$8 and dimensio\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 17:30

## EAST Search History

S73	1	"5963940".pn. and (categor\$8 and dimensio\$6 and space and table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 17:31
S75	3	S50 and ((categor\$8 same (dimensio\$6 or space)) and table)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/06 17:32
S90	5	S81 and categor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/23 13:05
S96	5	S94 S95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/23 13:19
S97	3	S96 and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/23 13:19
S11 6	8	S114 and (@pd<"20000127" @ad<"20000127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/08 14:35
S11 8	7	S116 and S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/25 15:17
S12 0	7	S116 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/25 15:19
S12 1	24	("4839853"   "5301109"   "5740323"   "5790754"   "5809490"   "5828999"   "5873056"   "5937384"   "5963940"   "6006221"   "6021387"   "6026388"   "6076088"   "6189002"   "6208971"   "6216112"   "6263335"   "6269368"   "6304864"   "6356864"   "6430559").PN. OR ("6751621").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/25 15:27

## EAST Search History

S12 3	4	((("5963940") or ("5974412") or ("6629097") or ("6446061")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/10/25 15:29
S12 8	11	S127 and ((semantic near3 vector) same (semantic with vector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/25 15:32
S13 1	12	S130 and ((semantic near3 vector) same (semantic with vector))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/25 15:32
S13 3	1	"5963940".pn. and S132	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/10/25 16:03
S13 4	64	("4839853" "5301109" "5379366" "5404506" "5625767" "5740323" "5790754" "5809490" "5826268" "5828999" "5873056" "5924105" "5937384" "5963940" "5974412" "6006221" "6021387" "6026388" "6076088" "6138116" "6175828" "6189002" "6208971" "6208971" "6216112" "6263335" "6269368" "6304864" "6356864" "6405199" "6430559" "6446061" "6523026").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/03/07 11:53
S13 5	21	(US-5325465-\$ or US-5379366-\$ or US-5404506-\$ or US-6026388-\$ or US-6076088-\$ or US-6304864-\$ or US-6356864-\$ or US-5301109-\$ or US-5828999-\$ or US-5873056-\$ or US-5963940-\$ or US-6189002-\$ or US-6269368-\$ or US-6523026-\$ or US-6006221-\$ or US-5974412-\$ or US-5826268-\$ or US-6405199-\$ or US-5924105-\$ or US-6175828-\$ or US-6138116-\$).did.	USPAT	OR	ON	2007/03/07 11:53
S13 6	32	(S134 S135) and (@pd<"20000127"@ad<"20000127")	USPAT	OR	ON	2007/03/07 11:54
S13 7	142	(word phrase sentence color typography punctuation picture character string) same (semantic with vector)	USPAT	OR	ON	2007/03/07 11:55
S13 8	11	S136 and S137	USPAT	OR	ON	2007/03/07 13:24
S13 9	1	"20040199505".pn.	US-PGPUB; USPAT	OR	ON	2007/03/07 13:24
S14 0	1	S139 and table	US-PGPUB; USPAT	OR	ON	2007/03/07 13:25

## EAST Search History

S14 1	17372	707/1-5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:50
S14 2	1299	704/9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/08 13:23
S14 3	1061	706/45.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:50
S14 4	45	(S141 S142 S143) and (semantic adj2 vector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/08 14:35
S14 5	13	S144 and (@pd<"20000127" @ad<"20000127")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/05/08 14:35
S14 6	115	(probability adj distribution) with categories	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 10:02
S14 7	21	vector same S146	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:41
S14 8	8	S147 and (@pd<"20000127" @ad<"20000127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:52



## EAST Search History

S14 9	6	(S146 same (document word)) and (@pd<"20000127" @ad<"20000127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 10:03
S15 0	1483	704/9.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 10:01
S15 1	6235	707/1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 10:02
S15 2	1248	706/45,55.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 10:02
S15 3	881	semantic with vector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:50
S15 4	88	dimension same S153	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:51
S15 5	18	dimensions same (semantic with space) same categories	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 10:04
S15 7	15	S154 same categories	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:51

## EAST Search History

S15 8	21	S155 S157	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:51
S15 9	1	S158 and (@pd<"20000127" @ad<"20000127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:56
S16 0	1760	dimensions with categories	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:55
S16 1	23181	probability with distribution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:55
S16 2	2	S160 and S161 and (S150 S151 S152) and (@pd<"20000127" @ad<"20000127")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/12/15 09:56
S16 3	474	704/9.ccls.	US-PGPUB	OR	ON	2007/12/15 10:05
S16 4	3556	707/1.ccls.	US-PGPUB	OR	ON	2007/12/15 10:05
S16 5	293	706/45,55.ccls.	US-PGPUB	OR	ON	2007/12/15 10:05
S16 6	112	((document word) and categories and vector). clm.	US-PGPUB	OR	ON	2007/12/15 10:05
S16 7	13	((probability adj distribution) and categories and vector).clm.	US-PGPUB	OR	ON	2007/12/15 10:05
S16 8	15	((probability adj distribution) with categories). clm.	US-PGPUB	OR	ON	2007/12/15 10:05
S16 9	89	(semantic with vector).clm.	US-PGPUB	OR	ON	2007/12/15 10:05
S17 0	4	(dimensions same (semantic with space) same categories).clm.	US-PGPUB	OR	ON	2007/12/15 10:05
S17 1	4	((probability with distribution) and (dimensions with categories)).clm.	US-PGPUB	OR	ON	2007/12/15 10:05

## EAST Search History

S17 2	15	(S163 S164 S165) and (S166 S167 S168 S169 S170 S171)	US-PGPUB	OR	ON	2007/12/15 10:06
S17 3	10	(S166 S169) and (S167 S168 S170 S171)	US-PGPUB	OR	ON	2007/12/15 10:07
S17 4	45	S167 S168 S170 S171 S172 S173	US-PGPUB	OR	ON	2007/12/15 10:16
S17 5	0	((document word) and catagories and dimensions and semantic and (vector space) and (probability distribution)).clm.	US-PGPUB	OR	ON	2007/12/15 10:17